

Summary Report of Occurrences Reviewed From June 22 – 26, 2009

Summary: 33 occurrences at 13 sites reviewed during this period.

Significant Occurrences (1)

Equipment Degradation/Failure – 1 occurrence at 1 site

- **SC – Brookhaven National Laboratory (Significance Category 3).** On June 15, the Medical Department Building Manager noticed an alarm indication on a panel in Building 490 and proceeded to Room 9-165 and discovered that a freezer containing experimental samples was off. All experimental samples encompassing many years of work were destroyed and replacement of the entire inventory could exceed one million dollars. The freezer was restarted in an attempt to save other research samples. On June 12, 2009, an HVAC technician noticed an environmental alarm on the panel in Building 490 9-400 indicating an over temperature alarm in a -80C freezer in Room 9-163. Visual inspection of the freezers in that room showed that the freezers were working properly; however, the technician was not aware the -80C freezer in the adjacent room (9-165) was on the same alarm system. The freezer had been modified with an automatic liquid nitrogen backup system that actuates at -40C and alarms at the chilled water facility, but these design features did not prevent the freezer temperature from decreasing to the point where the specimens were destroyed.

Other Occurrences (32). See Table (Note: The Table includes the occurrences listed above).

Occurrence Category	Number of Occurrences				Number of Sites
	E&E	NNSA	SC	DOE Total	
Injury - Industrial Hygiene/Occupational Safety	1	1	0	2	2
Near Miss	3	1	0	4	4
Authorization Basis	0	2	0	2	1
Radiological Concerns	1	1	0	2	2
Environmental	3	2	0	5	5
Fire Safety	1	1	0	2	2
Shipping/Quality Assurance	1	0	0	1	1
Criticality Concerns	0	0	0	0	0
Industrial Operations	2	0	0	2	2
Conduct of Operations	2	2	0	4	4
Electrical Safety	0	0	0	0	0
Vehicle Accident	0	1	1	2	2
Equipment Failures	2	2	1	5	4
Safeguards and Security	0	1	0	1	1
Suspect & Counterfeit Parts	0	1	0	1	1
Other	0	0	0	0	0
Total	16	15	2	33	

Secretarial Office Summary

National Nuclear Security Administration	15 occurrences	(5 sites)
Office of Energy Efficiency and Renewable Energy	1 occurrence	(1 site)
Office of Environmental Management	12 occurrences	(4 sites)
Office of Fossil Energy	1 occurrence	(1 site)
Office of Nuclear Energy	2 occurrences	(1 site)
Office of Science	2 occurrences	(1 site)